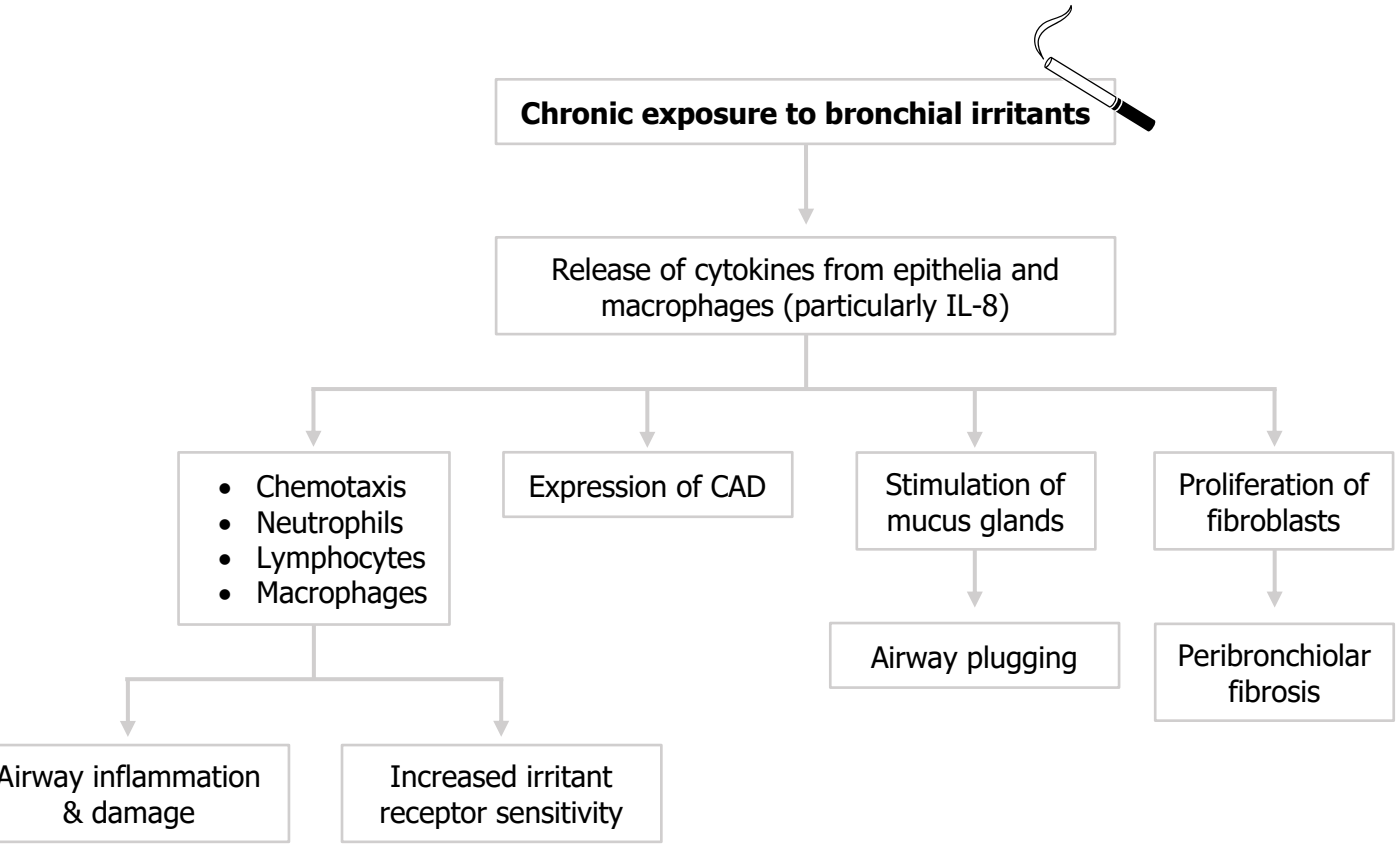
Chronic exposure to bronchial irritants
Release of cytokines from epithelia and macrophages (particularly IL-8)
Chemotaxis
Neutrophils
Lymphocytes
Macrophages
Expression of CAD
Stimulation of mucus glands
Proliferation of fibroblasts
Airway plugging
Peribronchiolar fibrosis
Airway inflammation & damage
Increased irritant receptor sensitivity